

Claims

What is claimed is:

1. A system for monitoring events of a plurality of members configured as an entity, comprising:
 - at least one member of the entity having configurable event logging settings for determining at least one of event types to be monitored; and
 - each of the plurality of members of the entity having member specific configuration settings wherein selection of event types in the at least one member is propagated to the member specific configuration settings of each of the plurality of members.
2. The system of claim 1, wherein changes to the configurable event logging settings at the at least one member are dynamically updated at the member specific configuration settings of the plurality of remaining members.
3. The system of claim 1, wherein at least one of the plurality of members have an event monitor system operable to log event data information based on the member specific configuration settings.
4. The system of claim 3, the event monitor system comprising an event consumer component operable to determine settings in the member specific configuration settings and log at least one of an event source, an event type and an event severity type based on the settings.
5. The system of claim 4, the configuration consumer component being notified of changes in the member specific configuration settings and being operable to access these changes through an event source.

6. The system of claim 3, the event monitor system further comprising an event mapping component adapted to map different event types into a common data format for logging in a data store.
7. The system of claim 1, the at least one member having configurable event logging settings for determining event severity types to be monitored.
8. The system of claim 1, wherein each event is assigned a unique event identification number, a member identification number and an event time when being logged in a data store.
9. The system of claim 8, wherein event data common to all event types is logged in a first table and event data specific to the event instance is logged in a second table.
10. A system for monitoring events on a member, comprising:
an event monitor system adapted to receive different event types from an event source and log the different event types into a data store, the event monitor system further comprising an event mapping component adapted to map data fields of the different event types into common data fields such that the different event types conform to a common event type schema in the data store.
11. The system of claim 10, the event monitor system further comprising an event consumer component operable to determine settings in a member specific configuration settings and log at least one of an event source, an event type and an event severity type based on the settings.
12. The system of claim 10, wherein each event is assigned a unique event identification number, a member identification number and an event time when being logged in the data store.

13. The system of claim 10, wherein event data common to event types is logged in a first table and event data unique to an event type instance being logged is logged in a second table.

14. The system of claim 10, the event types comprising at least one of operating system events, entity events and health monitor events.

15. The system of claim 10, the event monitor system being operable log event common data and event data specific to the instance of the event upon receipt of a new event and logging only event data specific to the instance of the event upon receipt of a reoccurrence of an event.

16. A system for monitoring events of a plurality of members configured as an entity, each member comprising:

an event monitor system adapted to receive different event types from an event source and log the different event types into a data store, the event monitor system further comprising an event mapping component adapted to map data fields of the different event types into common data fields such that the different event types conform to a common event type schema in the data store.

17. A method for monitoring events of a plurality of members configured as an entity, comprising:

setting configurable event logging settings at any of the plurality of members for determining one of event types to be monitored and event types not to be monitored; and

dynamically propagating the event logging settings to the plurality of members of the entity to establish event logging configuration settings at the plurality of members.

18. The method of claim 17, the step of setting configurable event logging settings

at any of the plurality of members further comprising setting configurable event logging settings for determining an event severity type to be logged.

19. The method of claim 17, further comprising the step of dynamically updating the logging of event types at each of the plurality of members based on any changes in event logging settings at any of the plurality of members.

20. A method for monitoring events of a plurality of members configured as an entity, comprising:

receiving different event types having different data fields from an event source;
mapping the data fields of different event types to common data fields such that each event type conforms to a common schema; and
logging the mapped event types to a data store.

21. A system for monitoring events of a plurality of members configured as an entity, comprising:

means for configuring event log settings at a first member of the entity for determining event types to be monitored; and

means for propagating the event log settings to the plurality of members of the entity to establish event log configuration settings at the plurality of members.

22. The system of claim 21, further comprising means for logging different event types into a common format at each of the plurality of members.

23. The system of claim 21, further comprising means for dynamically updating the logging of event types at each of the plurality of members based on any changes in the event log settings at the first member.

24. A system for monitoring events of a plurality of members configured as an

entity, comprising:

means for receiving different event types having different data fields from an event source;

means for mapping the data fields of different event types to common data fields such that each event type conforms to a common schema; and

means for logging the mapped event type to a data store.

25. The system of claim 24, further comprising means for merging event data specific to an event occurrence into event data common to the event.

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